



DEVASTATORS

TM

INSTRUCTION MANUAL

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PARTS LIST

Part Number	Item	Quantity Per U/R
890010	AC Harness	1
890011	DC Harness	1
30110	Button Red-L	2
30111	Button White-L	2
39112	Button Blue-L	2
40101	Coin Doors	1
890100	Control Panel Overlay	1
890700	CRT Bezel	1
890200	Marquee Styrene	1
890300	S-Decal Lt.	1
890302	S-Decal Rt.	1
890301	S-Decal Top	2
40605	FCC Cage	1
35102	Fuses #2 AMP	1
35104	Fuses #4 AMP	1
35105	Fuses #5 AMP	2
35201	ISO. Trans.	1
30305	J. Stix Blue	1
30304	J. Stix Red	1
40604	Lite Shld.	1
35300	Line Filter	1
40801	Locks	1
40802	S. Washers	1
890400	Manuals	1
890401	Schematic X3	1
40203	Marq. Bracket	1
40701	Lite Fixture	1
40306	Marq. Plastic	1
40301	Tempered Glass	1
30202	Switch Holder	6
30250	Palnuts	6
35401	Power Supply	1
890500	Outer Sleeve (Box)	1
890504	Corner Post Front	2
890505	Corner Post Back	2
890506	Bottom Pad	1
890507	Bottom Tray	1
40509	Vertical Monitors	1

DEVASTATORS: WIRING HARNESS

WIRE COLOR KEY:

				Solder Side ←	→ Parts Side
BLACK	GND	A	1	GND	BLACK
BLACK	GND	B	2	GND	BLACK
RED	+5V DC	C	3	+5V DC	RED
RED	+5V DC	D	4	+5V DC	RED
	NOT USED	E	5	NOT USED	
ORANGE	+12V DC	F	6	+12V DC	ORANGE
	*KEY	H	7	*KEY	
BROWN/YELLOW	COIN COUNTER	J	8	COIN COUNTER	GREEN/GRAY
	(EMPTY)	K	9	(EMPTY)	
YELLOW	SPEAKER (-)	L	10	SPEAKER (+)	BLUE
	(EMPTY)	M	11	(EMPTY)	
WHITE/GREEN	VIDEO GREEN	N	12	VIDEO RED	RED/WHITE
WHITE	VIDEO SYNC	P	13	VIDEO BLUE	BLUE/WHITE
	(EMPTY)	R	14	VIDEO GROUND	BLACK
	(EMPTY)	S	15	(EMPTY)	
VIOLET/WHITE	COIN 2	T	16	COIN 1	BLUE/BROWN
RED/GREEN	2P START	U	17	1P START	RED/YELLOW
BLUE/YELLOW	2P UP	V	18	1P UP	ORANGE/WHITE
VIOLET/YELLOW	2P DOWN	W	19	1P DOWN	BLACK/WHITE
ORANGE/GREEN	2P LEFT	X	20	1P LEFT	RED/GRAY
ORANGE/YELLOW	2P RIGHT	Y	21	1P RIGHT	GRAY/WHITE
BLACK/YELLOW	2P SHOOT	Z	22	1P SHOOT	RED/WHITE
ORANGE/GRAY	2P GRENADE	a	23	1P GRENADE	GREEN/BROWN
	NOT USED	b	24	NOT USED	
	NOT USED	c	25	NOT USED	
	NOT USED	d	26	NOT USED	
BLACK	GND	e	27	GND	BLACK
BLACK	GND	f	28	GND	BLACK

(BASE COLOR/LINE COLOR)

DIP SWITCH SETTINGS

DIP SWITCH NO. 1 SETTINGS

1. COIN 1

SW	1	2	3	4	COIN	PLAY		
•	OFF	OFF	OFF	OFF	1	1		
	ON				1	2		
	OFF	ON			1	3		
	ON				1	4		
	OFF	OFF	ON	OFF	1	5		
	ON				1	6		
	OFF	ON			1	7		
	ON				2	1		
	OFF	OFF	ON	ON	2	3		
	ON				2	5		
	OFF	ON			3	1		
	ON				3	2		
	OFF	OFF	ON	ON	3	4		
	ON				4	1		
	OFF	ON			4	3		
	ON				FREEPLAY			

FREEPLAY: You can play game without coins.

DIP SWITCH NO. 2 SETTINGS

1. THE NUMBER OF PLAYER'S LIFE

SW	1	2	NUMBER
•	OFF	OFF	2
	ON		3
	OFF	ON	5
	ON		7

2. BONUS LIFE

SW	4	5	BONUS LIFE
•	OFF	OFF	At 150 pts. then every 200 pts.
	ON		At 150 pts. then every 250 pts.
•	OFF	ON	At 150 pts. only
	ON		At 200 pts. only

3. DIFFICULTY OF THE GAME

SW	6	7	DIFFICULTY
•	OFF	OFF	EASY
	ON		NORMAL
	OFF	ON	DIFFICULT
	ON		VERY DIFFICULT

2. COIN 2

SW	5	6	7	8	COIN	PLAY		
•	OFF	OFF	OFF	OFF	1	1		
	ON				1	2		
	OFF	ON			1	3		
	ON				1	4		
	OFF	OFF	ON	OFF	1	5		
	ON				1	6		
	OFF	ON			1	7		
	ON				2	1		
	OFF	OFF	ON	ON	2	3		
	ON				2	5		
	OFF	ON			3	1		
	ON				3	2		
	OFF	OFF	ON	ON	3	4		
	ON				4	1		
	OFF	ON			4	3		
	ON				VOID			

4. SOUND IN ATTRACTIVE MODE

SW	8	SOUND
•	OFF	OFF
•	ON	ON

SW3 is not used.

DIP SWITCH NO.3 SETTINGS

1. VIDEO SCREEN FLIP

SW	1	
•	OFF	NORMAL
	ON	

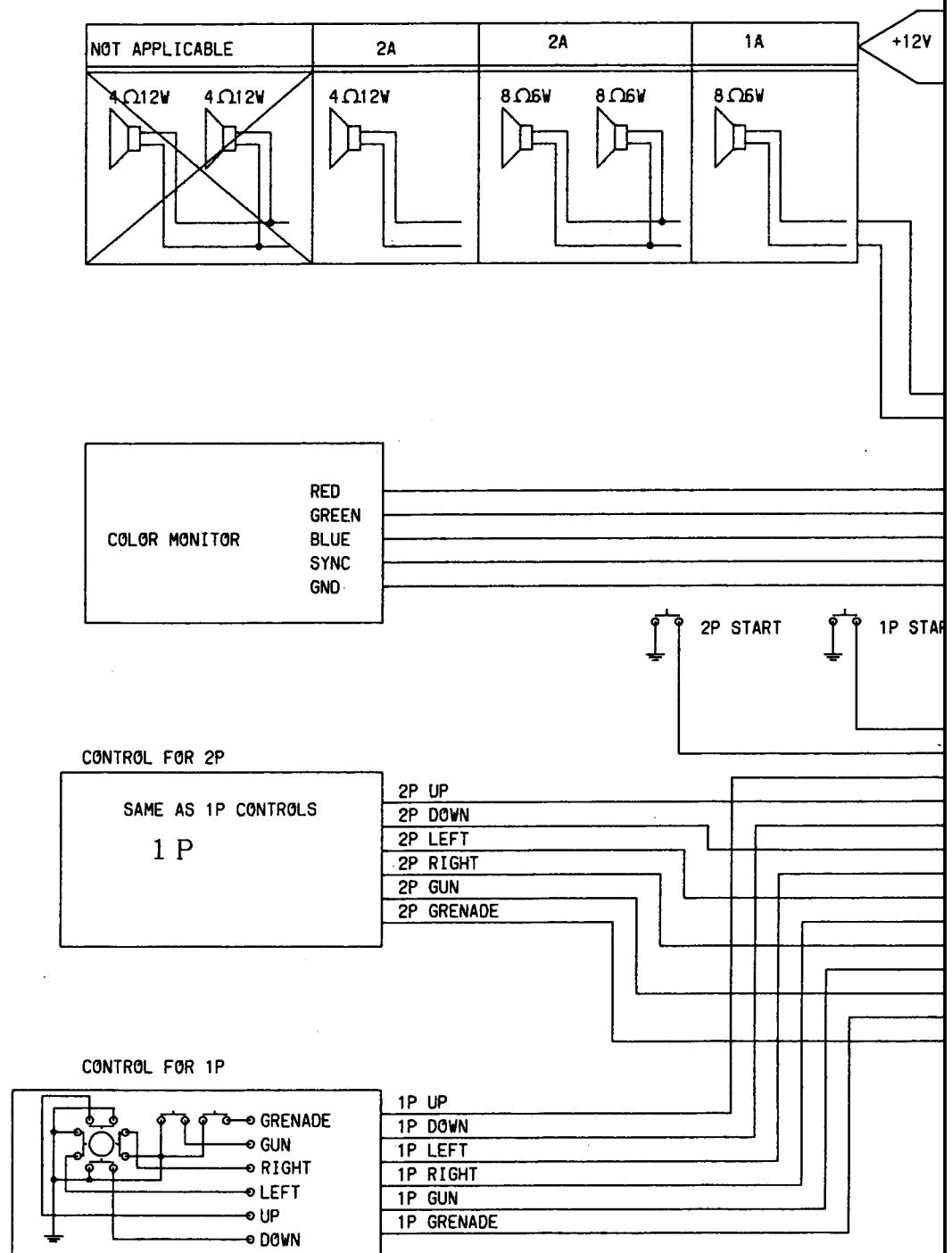
2. CHANGE OF MODE

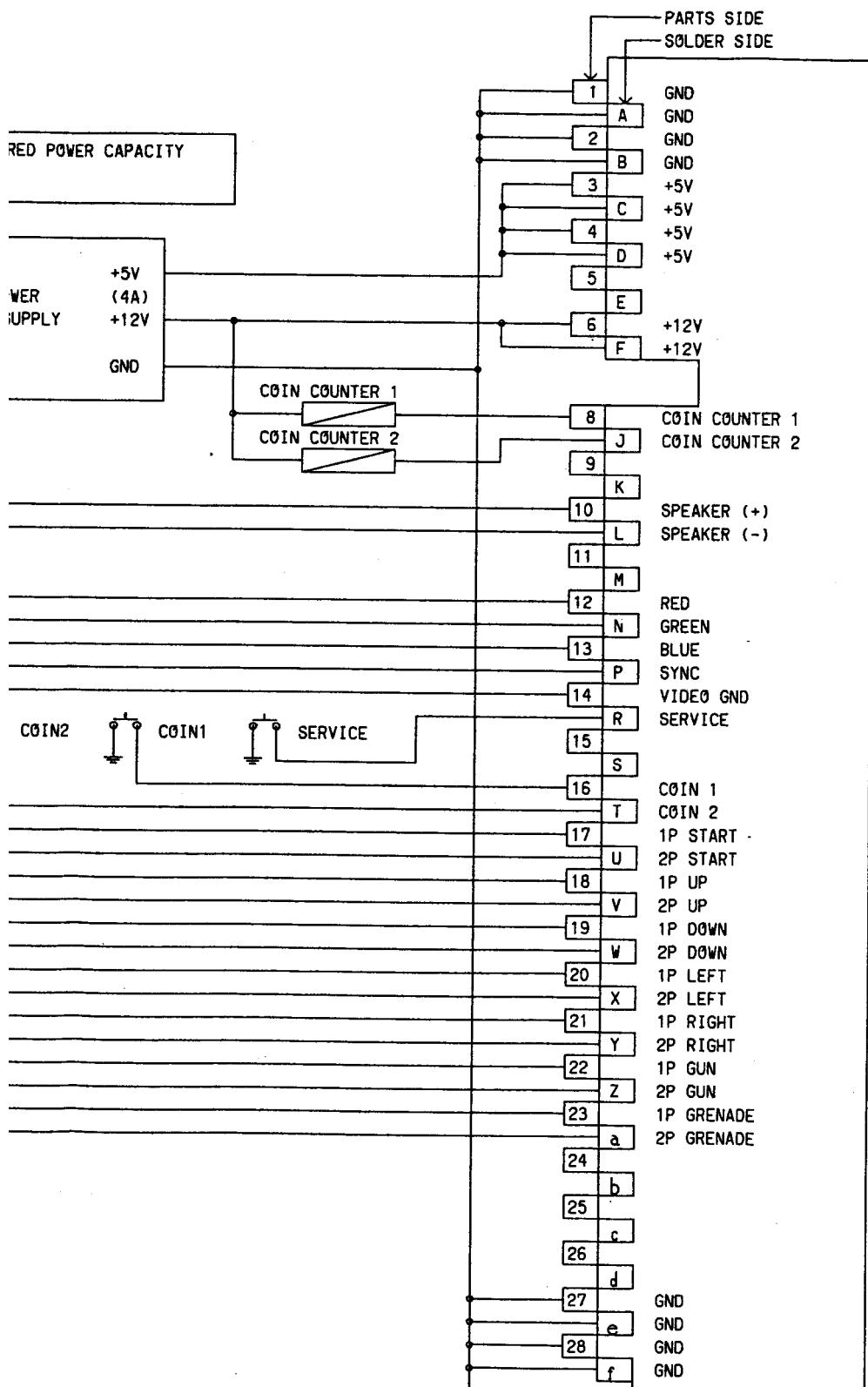
SW	3	MODE
•	OFF	GAME
	ON	

SW2 and SW4 are not used.

- Shows recommended settings

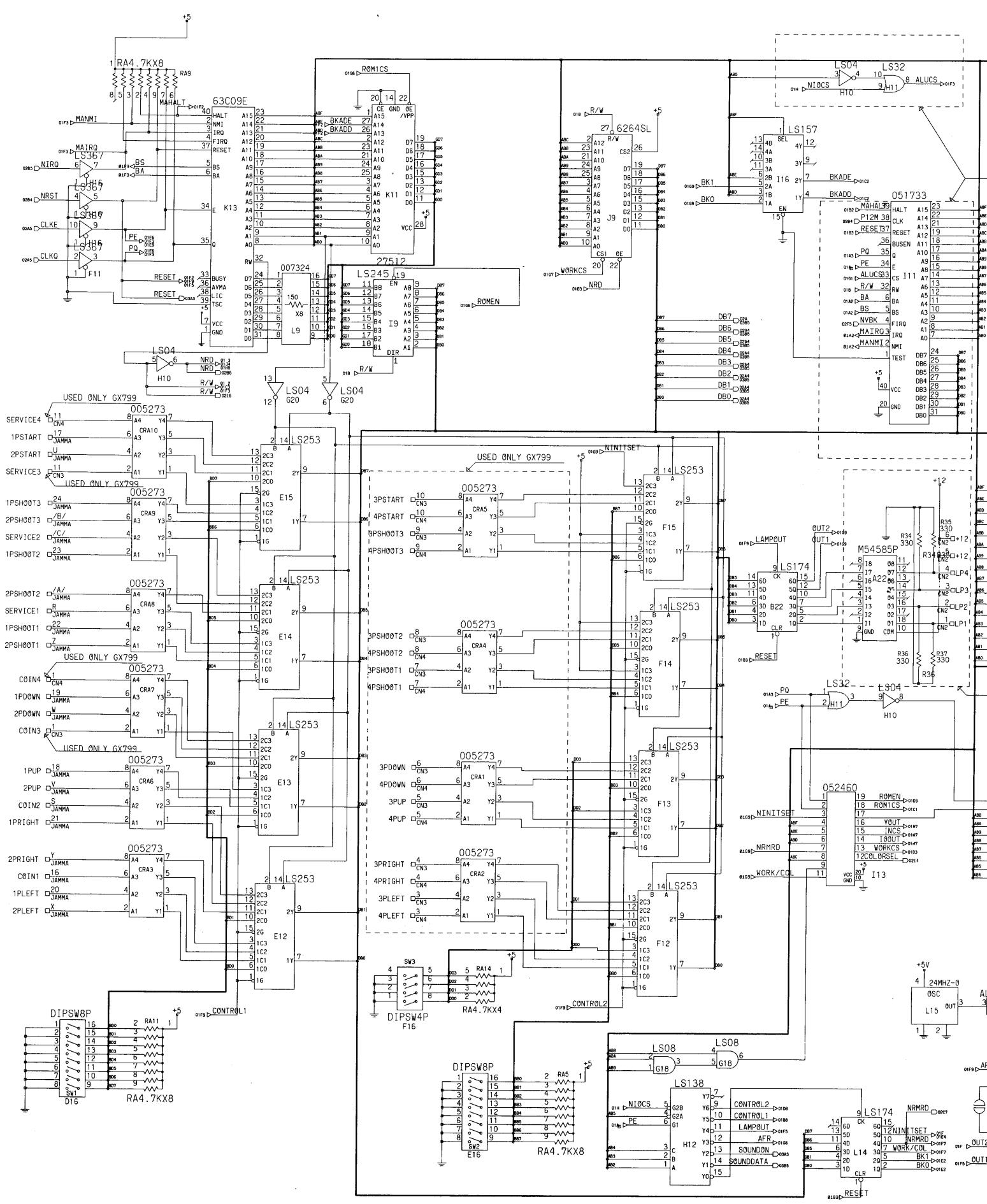
DEVASTATORS: WIRING DIAGRAM

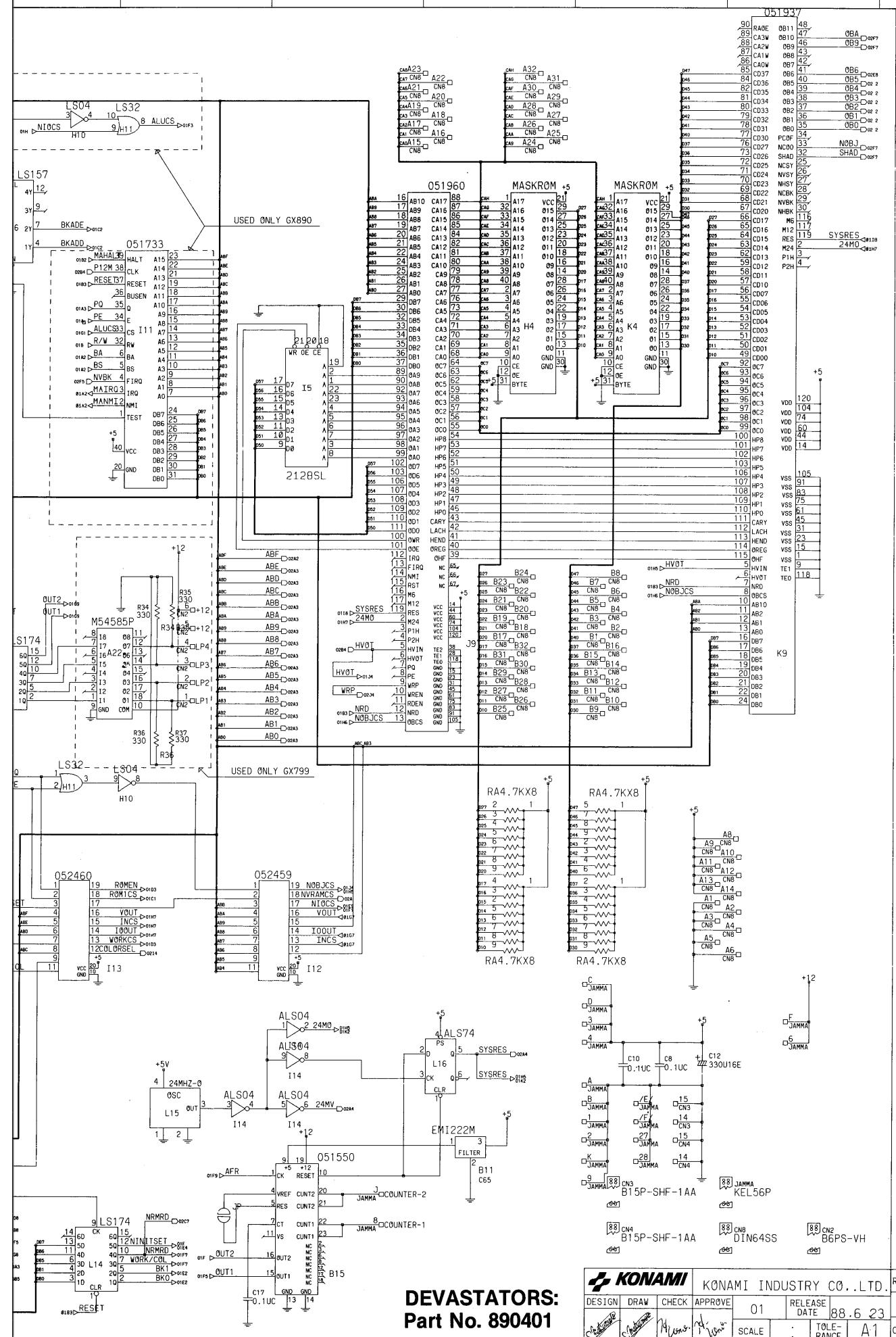




JAMMA 56PIN EDGE CONNECTOR
5/32 INCH PITCH

FOR COIN
THE P.C.B.





DEVASTATORS: Part No. 890401

NOTE

⁺⁵	• VCC (+5V)
⁺¹²	• VCC (+12V)
\pm	• GND
JAMMA [□]	• JAMMA EDGE 56P PIN NO. ALPHABET:SOLDER SIDE NUMBER:PARTS SIDE /A/:SMALL LETTER
CNT [□]	• 4P SV CONNECTOR
CN2 [□]	• 6P VH CONNECTOR
CN3 [□]	• 15P NH CONNECTOR
CN4 [□]	• 15P NH CONNECTOR
CN5 [□]	• 64P DIN CONNECTOR
CN6 [□]	• 64P DIN CONNECTOR
CN7 [□]	• 64P DIN CONNECTOR
CN8 [□]	• 64P DIN CONNECTOR

KINDS OF CAPACITOR

T : TANTALUM

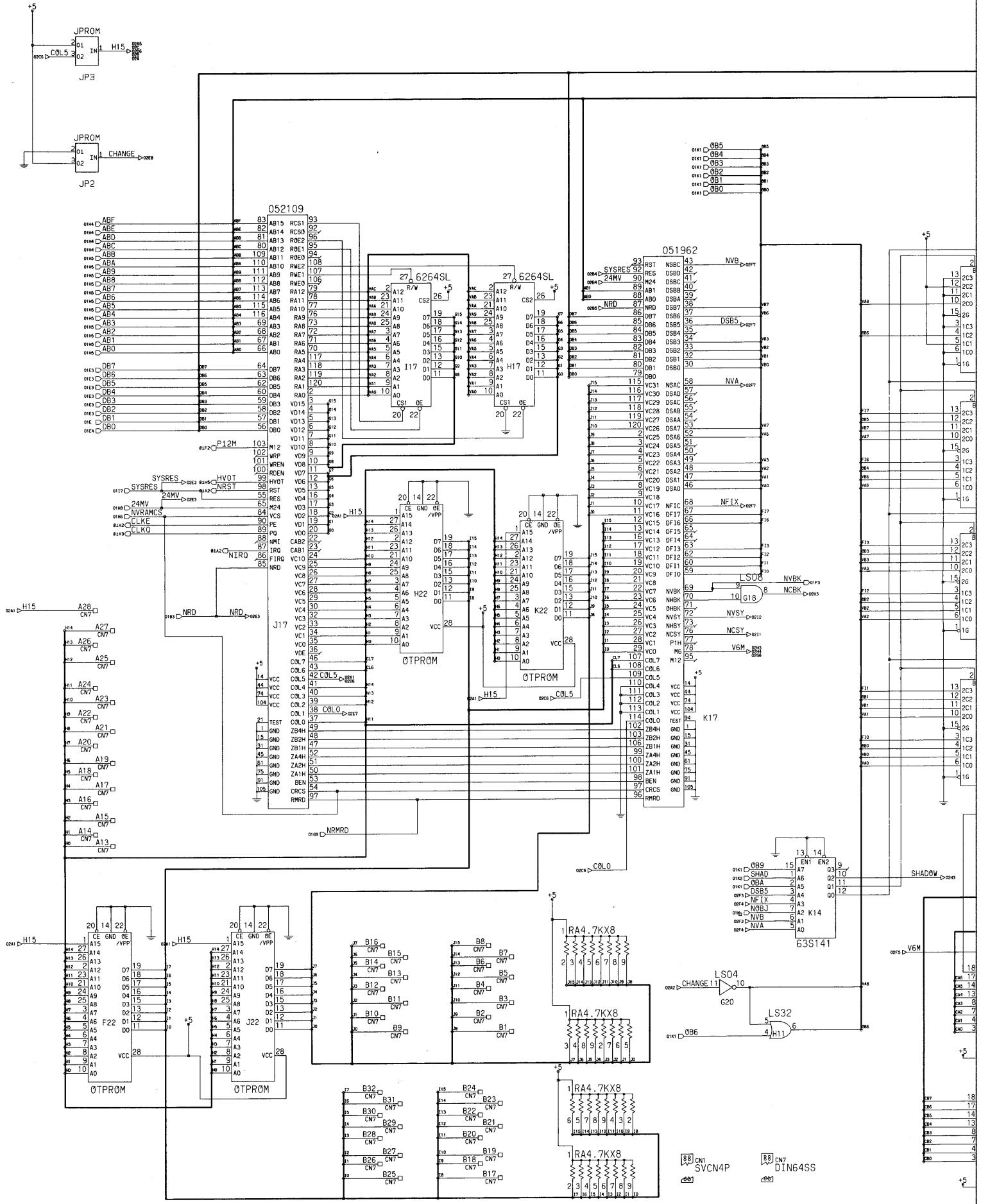
M : MYLAR

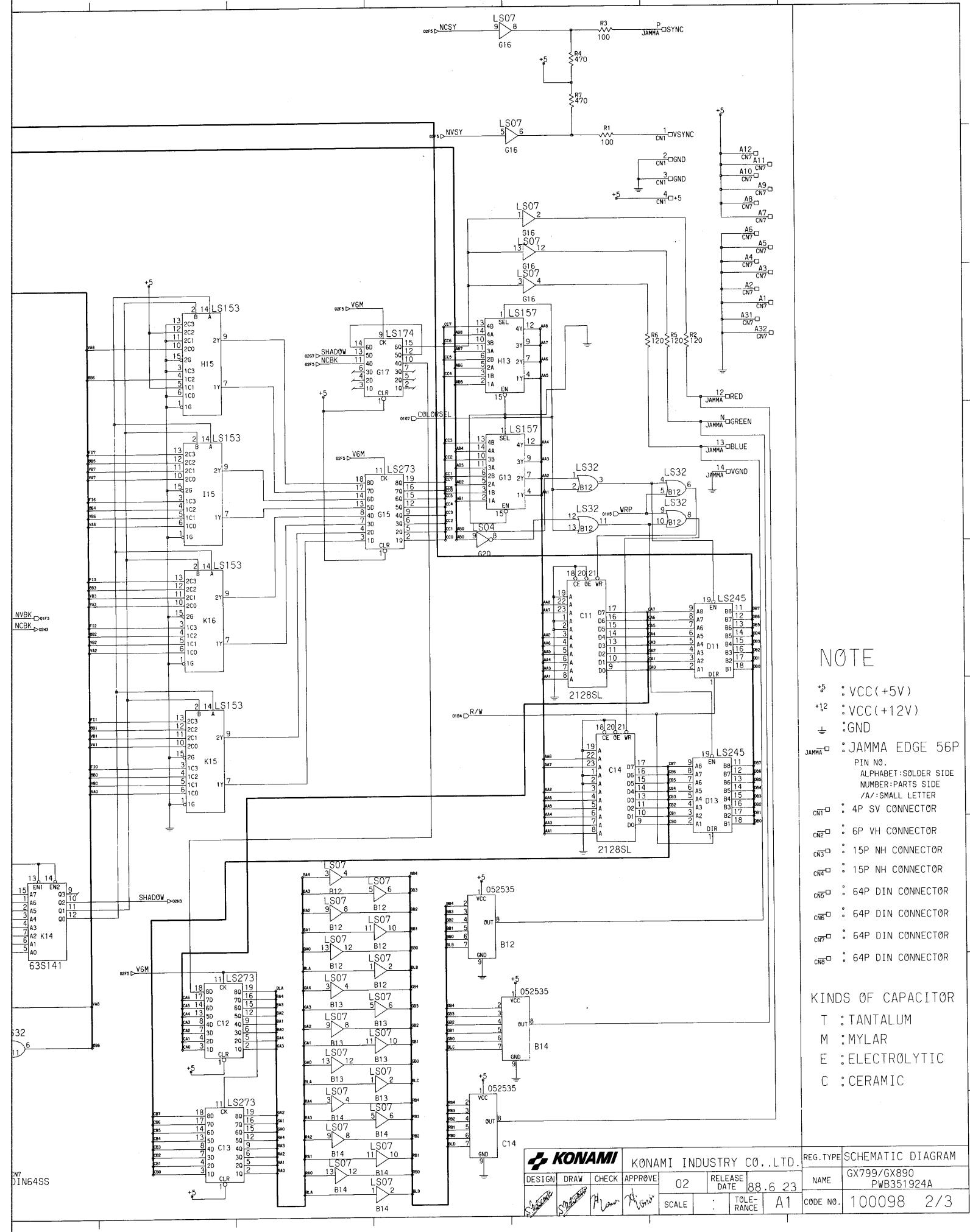
E : ELECTR

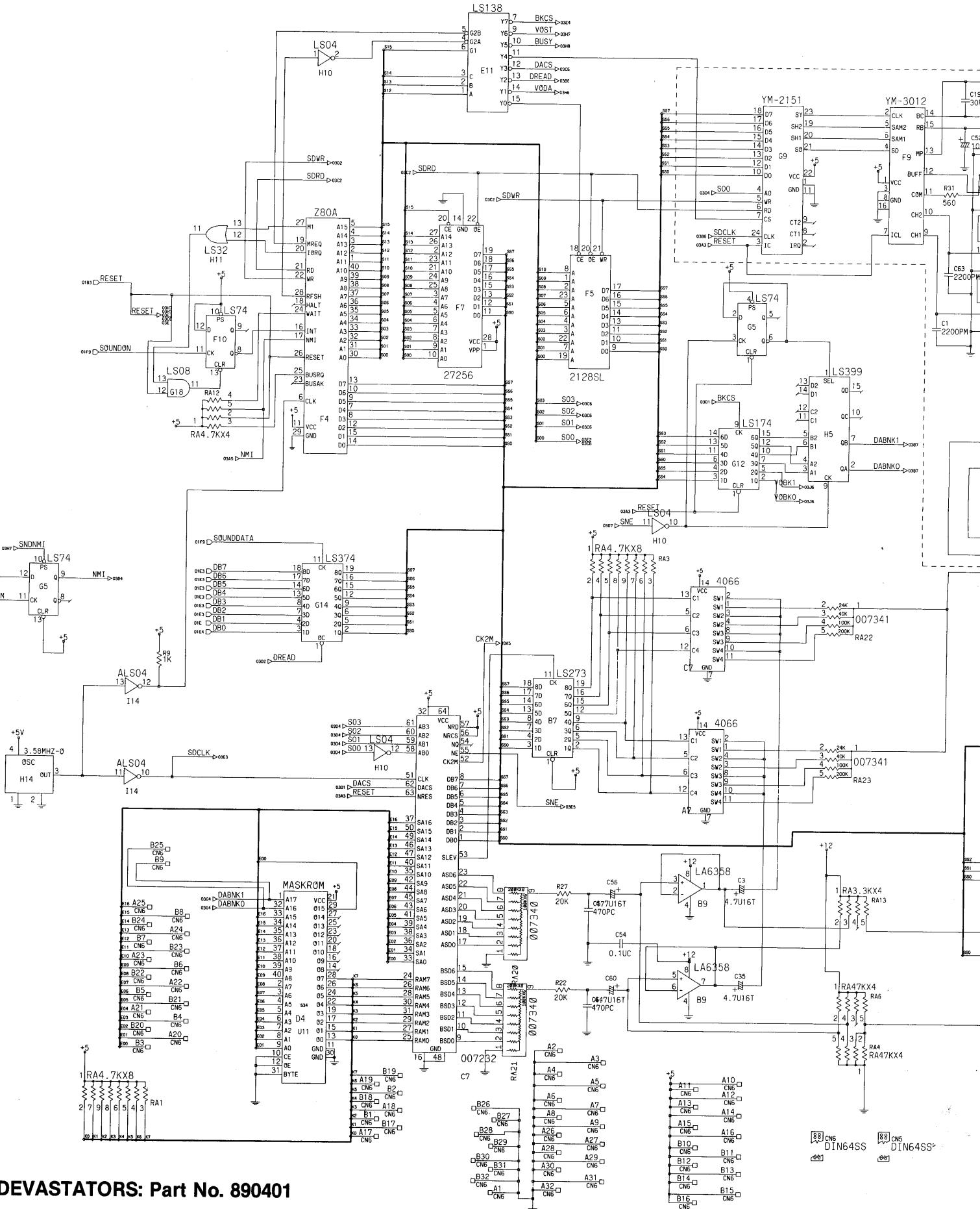
CERAMIC

KONAMI

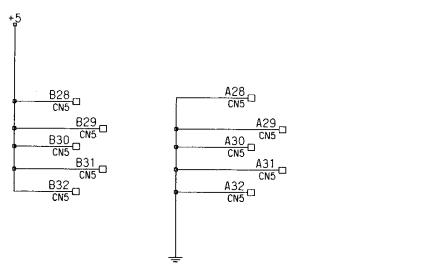
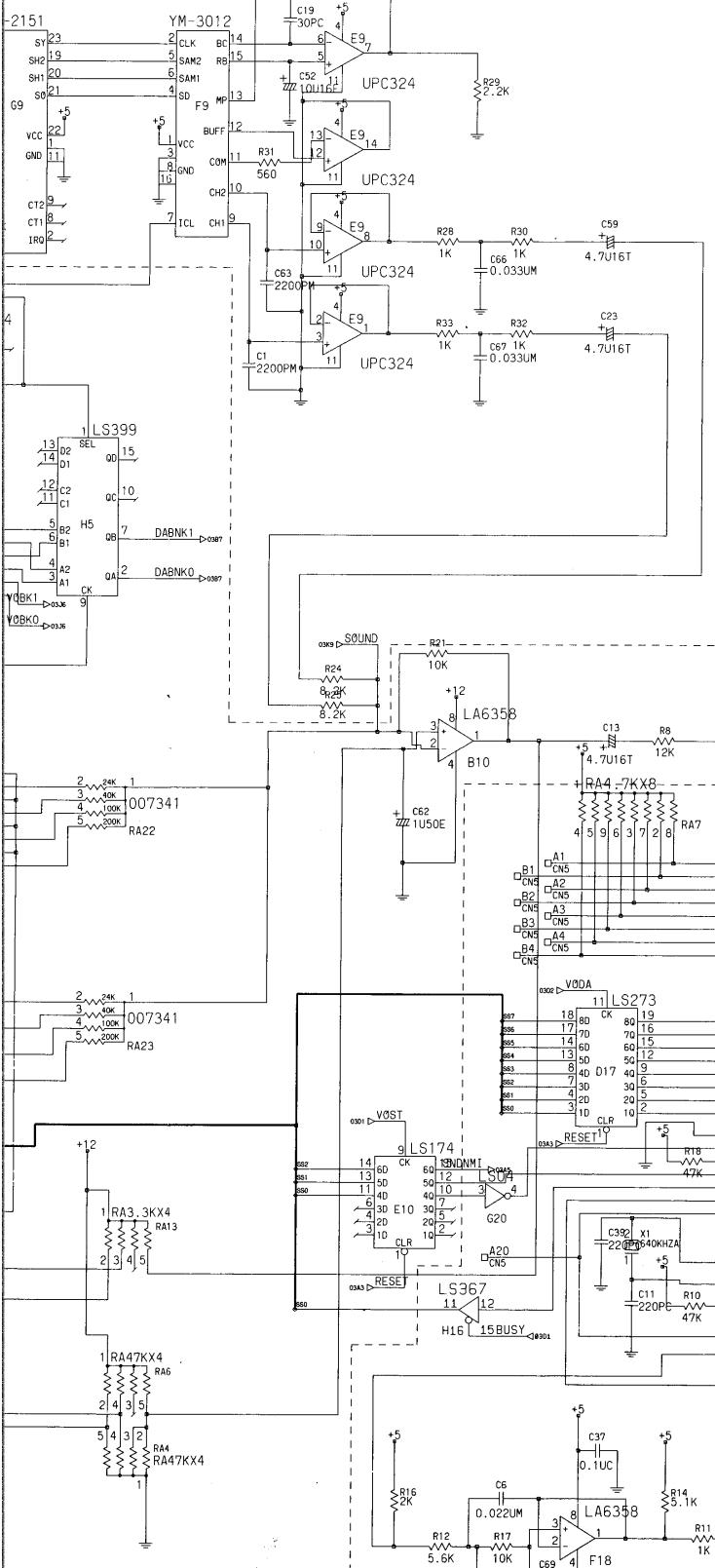
KUNAMI INDUSTRY CO., LTD.				JAPAN			
DESIGN	DRAW	CHECK	APPROVE	01	RELEASE DATE	88.6.23	
<i>S. Nakamura</i>	<i>S. Nakamura</i>	<i>M. Matsui</i>	<i>M. Matsui</i>	SCALE	:	TOLE- RANCE	A1
				NAME: GX799/GX890 PWB351024A			
				CODE NO.: 100098 1/3			







DEVASTATORS: Part No. 890401



NOTE

- +5 : VCC (+5V)
- +12 : VCC (+12V)
- : GND
- JAMMA : JAMMA EDGE 56P
- PIN NO. : ALPHABET-SOLDER SIDE NUMBER-PARTS SIDE /A-/SMALL LETTER
- CN1 : 4P SV CONNECTOR
- CN2 : 6P VH CONNECTOR
- CN3 : 15P NH CONNECTOR
- CN4 : 15P NH CONNECTOR
- CN5 : 64P DIN CONNECTOR
- CN6 : 64P DIN CONNECTOR
- CN7 : 64P DIN CONNECTOR
- CN8 : 64P DIN CONNECTOR

KINDS OF CAPACITOR

- T : TANTALUM
- M : MYLAR
- E : ELECTROLYTIC
- C : CERAMIC

KONAMI

KONAMI INDUSTRY CO., LTD.
DESIGN DRAW CHECK APPROVE RELEASE DATE
DRAWER 03 RELEASE DATE 88.6.23
CHECKER 74 APPROVER H. WATANABE
SCALE : TOLERANCE A1
CODE NO. 100098 3/3

REG. TYPE	SCHEMATIC DIAGRAM
NAME	GX799/GX890 PWB351024A